

REMARKS

By this Amendment, Applicant amends claims 15-17, 20, and 26 for clarity and cancels claims 1-14, 21 and 22, without prejudice or disclaimer of the subject matter contained therein. Thus, claims 15-20 and 23-26 are pending. Support for the amendments to claims 1 and 20 may be found at least in Figs. 5, 7-10, 12, and 13 and the related disclosure. Applicants respectfully request reconsideration and prompt allowance of the pending claims at least in light of the following remarks.

The Office Action makes final the March 3, 2005 Restriction Requirement. Accordingly, by this Amendment, Applicants cancel non-elected claims 1-14. Applicants reserve the right to pursue the subject matter of non-elected claims 1-14 in a divisional application.

The Office Action rejects claims 15-26 under 35 U.S.C. §102(e) over U.S. Patent No. 4,878,992 to Campanelli. Applicants respectfully traverse the rejection.

Campanelli fails to disclose at least "front faces formed for the fluid devices by at least dicing into the cross-trenches such that the orifices are offset from the front faces, one of the front faces formed above the at least one cross-trench and another of the front faces formed below the at least one cross-trench," as recited in claim 15.

As shown in Figs. 2, 3, and 5-7 Campanelli discloses front face 28 that is formed by dicing into cross-trench 24. The front face 28 is offset from the face 29, including orifice 27. However, front face 28 only exists below the cross-trench 24. Thus, Campanelli fails to disclose front faces formed above the cross-trench and below the cross-trench as recited in claim 15.

Because Campanelli fails to disclose at least "front faces formed for the fluid devices by at least dicing into the cross-trenches such that the orifices are offset from the front faces, one of the front faces formed above the at least one cross-trench and another of the front faces

formed below the at least one cross-trench," claim 15 is patentable over Campanelli. Further, claims 16-19 are patentable for at least the reasons that claim 15 is patentable, as well as for the additional features they recite.

Additionally, Campanelli fails to disclose at least "a front face formed by dicing at least into the at least one cross-trench of the bonded structure, the front face comprising the orifices," as recited in claim 20.

As shown in Figs. 2, 3, and 5-7 Campanelli discloses front face 28 that is formed by dicing into cross-trench 24. However, the face 29 comprising the orifices 27 is formed by the cross-trench, not by dicing into the cross-trench, which forms face 28. Thus, Campanelli fails to disclose "a front face formed by dicing at least into the at least one cross-trench of the bonded structure, the front face comprising the orifices," as recited in claim 20.

Because Campanelli fails to disclose at least "a front face formed by dicing at least into the at least one cross-trench of the bonded structure, the front face comprising the orifices," claim 20 is patentable over Campanelli. Further, claims 23-26 are patentable for at least the reasons that claim 20 is patentable, as well as for the additional features they recite.

In view of at least the foregoing, Applicants respectfully submit that this application is in condition for allowance. Applicants earnestly solicit favorable reconsideration and prompt allowance of claims 15-20 and 23-26.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, Applicants invite the Examiner to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Jesse O. Collier
Registration No. 53,839

JAO:JOC/tea

Date: November 22, 2005

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
